

AMENDMENTS TO THE CLAIMS

The claims listed below replace all prior versions and listings of claims in the application.

1. (Currently Amended) A method for forming an aqueous carbon black dispersion comprising providing a reaction mixture comprising carbon black having a DBP uptake of greater than 90cc/100g of said carbon black, a monovalent ion persulfate, and an aqueous medium; subjecting said reaction mixture to a first temperature of from 40 °C to 90 °C for from 2 hours to 24 hours; and ~~neutralizing-adjusting~~ said reaction mixture to a pH greater than 7.0.
2. (Currently Amended) A method for forming an aqueous carbon black dispersion comprising providing a reaction mixture comprising carbon black having a primary particle diameter of less than 18 nanometers and a DBP uptake of less than 70cc/100g of said carbon black, a monovalent ion persulfate, and an aqueous medium; subjecting said reaction mixture to a first temperature of from 40 °C to 90 °C for from 2 hours to 24 hours; and ~~neutralizing-adjusting~~ said reaction mixture to a pH greater than 7.0.
3. (Currently Amended) The method of claim 1 ~~or claim 2~~ wherein said reaction mixture further comprises a strong acid.
4. (Currently Amended) The method of claim 1 ~~or claim 2~~ further comprising, after said ~~neutralization-pH adjustment~~ step, subjecting said ~~neutralized~~ reaction mixture to a second temperature of from 20 °C to 40 °C higher than said first temperature for from 2 hours to 12 hours.
5. (Currently Amended) The method of claim 1 ~~or claim 2~~ further comprising adding an anionic or nonionic stabilizer.
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9. (NEW) The method of claim 2 wherein said reaction mixture further comprises a strong acid.
10. (NEW) The method of claim 2 further comprising, after said pH adjustment step, subjecting said reaction mixture to a second temperature of from 20 °C to 40 °C higher than said first temperature for from 2 hours to 12 hours.
11. (NEW) The method of claim 2 further comprising adding an anionic or nonionic stabilizer.
12. (NEW) An aqueous carbon black dispersion prepared by the method of claim 1.
13. (NEW) An aqueous carbon black dispersion prepared by the method of claim 2.
14. (NEW) An aqueous carbon black dispersion prepared by the method of claim 3.
15. (NEW) An aqueous carbon black dispersion prepared by the method of claim 4.
16. (NEW) An aqueous carbon black dispersion prepared by the method of claim 5.
17. (NEW) An aqueous carbon black dispersion prepared by the method of claim 9.
18. (NEW) An aqueous carbon black dispersion prepared by the method of claim 10.
19. (NEW) An aqueous carbon black dispersion prepared by the method of claim 11.
20. (NEW) An aqueous inkjet ink comprising the carbon black dispersion of claim 12.
21. (NEW) An aqueous inkjet ink comprising the carbon black dispersion of claim 13.
22. (NEW) The aqueous ink of claim 20 further comprising an emulsion polymer.
23. (NEW) The aqueous ink of claim 21 further comprising an emulsion polymer.